| Index of | Claims |
|----------|--------|
|          |        |

| _ | Application No. | Applicant(s)       |
|---|-----------------|--------------------|
|   | 10/681,981      | LEHRER, RICHARD M. |
|   | Examiner        | Art Unit           |
|   | Tri M. Mai      | 3727               |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| Г | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      | Date               |              |              |              |              |              |                 |          | Claim Date |  |          |          |                 |                 |          |         |                    | CI       | aim                                    | Date         |         |          |            |                |          |          |          |          |          |                 |           |          |
|----------|----------|--------------------|--------------|--------------|--------------|--------------|--------------|-----------------|----------|------------|--|----------|----------|-----------------|-----------------|----------|---------|--------------------|----------|--|--------------|---------|----------|------------|----------------|----------|----------|----------|----------|----------|-----------------|-----------|----------|
|          |          |                    |              |              |              |              |              |                 |          |            |  |          |          |                 |                 |          |         |                    |          |  |              |         |          |            |                |          |          |          |          |          |                 | ٦         |          |
| Final    | Original | 22<br>05           | <b> </b>     |              |              |              |              |                 |          |            |  | Final    | Original |                 |                 |          |         |                    |          |  |              |         | Fina     | Original   |                |          |          | ١        |          |          |                 |           |          |
|          | 1        | 15/                |              | Н            | $\dashv$     | $\vdash$     | $\dashv$     | $\dashv$        | +        | $\dashv$   |  |          | 51       | $\vdash$        |                 | +        | +       | ╁                  | ╁        | $\vdash$                               |              |         |          | 101        | $\dashv$       | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | +         | $\dashv$ |
|          | 2        | Ō                  |              | П            |              | $\Box$       |              |                 | 1        |            |  |          | 52       | П               | _               | 7        | 1       |                    | 1        |  |              |         |          | 102        |                |          |          |          |          |          | T               | $\neg$    | П        |
|          | 3        | 7                  | $\vdash$     |              |              | Ħ            | $\Box$       |                 | 1        |            |  |          | 53       | П               |                 |          | 1       | T                  | 1        |  |              |         |          | 103        |                |          |          |          | ヿ        |          | $\exists$       | $\neg$    | $\neg$   |
|          | 4        | 1                  |              |              |              | П            |              |                 |          |            |  |          | 54       |                 | $\neg$          |          | Τ       |                    |          |  | $\neg$       |         |          | 104        |                |          | Ī        |          |          |          | $\Box$          | $\Box$    |          |
|          | 5        | H                  | $\vdash$     | П            |              | $\Box$       | ヿ            |                 | 1        |            |  |          | 55       | П               |                 |          | ✝       | Τ                  |          |  | $\neg$       |         |          | 105        |                | $\Box$   |          | T        |          |          | 丁               |           |          |
|          | 6        | T                  |              | П            |              |              |              |                 |          |            |  |          | 56       |                 |                 |          | T       | 1                  |          |  |              |         |          | 106        |                |          |          |          |          |          |                 |           |          |
|          | 7        | П                  |              |              |              |              |              |                 | Ì        |            |  |          | 57       |                 |                 |          |         |                    |          |  |              |         |          | 107        |                |          |          |          | ,        |          |                 | $\Box$    |          |
|          | 8        | П                  |              |              |              |              |              |                 |          |            |  |          | 58       |                 |                 |          |         |                    | <u> </u> |  |              |         |          | 108        |                |          |          |          | _        |          | _               | $\dashv$  |          |
|          | 9        |                    |              |              |              |              |              |                 |          |            |  |          | 59       |                 |                 |          |         |                    |          |  |              |         |          | 109        |                |          | _        | _        | _        |          | $\dashv$        | 4         |          |
|          | 10       | П                  |              |              |              |              |              |                 |          |            |  |          | 60       |                 |                 |          | ┸       | $\perp$            | <u> </u> |  |              |         |          | 110        |                |          | _        | _        |          |          | _               | _         | _        |
|          | 11       | Ц                  |              |              |              | $\Box$       |              |                 |          |            |  |          | 61       | Ш               |                 | $\perp$  | $\perp$ | 4                  | $\perp$  | $\sqcup$                               |              |         |          | 111        |                |          | _        |          |          | _        | $\dashv$        | $\dashv$  | 4        |
|          | 12       | $\coprod$          |              | Ш            |              | Щ            | Ш            | Ш               | $\perp$  | _          |  |          | 62       |                 | $\Box$          | $\perp$  | 4       | 4                  | $\perp$  | $\sqcup$                               |              |         |          | 112        |                | $\sqcup$ |          | _        |          | _        | $\dashv$        | $\dashv$  | 긕        |
|          | 13       | $\sqcup$           | <u> </u>     | Ш            |              | $\sqcup$     | Ш            | Ш               |          | _          |  |          | 63       |                 |                 | $\bot$   | 4       | +                  | $\perp$  | $\sqcup$                               |              |         |          | 113        |                |          | _        |          |          |          | $\dashv$        | -         | $\dashv$ |
|          | 14       | Ш                  | L            |              |              |              | $\Box$       | $\Box$          | _        | _          |  |          | 64       |                 |                 |          | _       | +                  | _        | $\vdash$                               | _            |         |          | 114        |                | $\dashv$ | $\dashv$ |          | -        |          | +               | -         | _        |
|          | 15       | Ц                  | ot           | L_           |              | $\sqcup$     | $\square$    |                 | $\dashv$ | _          |  |          | 65       | -               | $\sqcup$        | _        | 4       | +                  | 1        | $\vdash$                               |              |         |          | 115        | _              | $\vdash$ |          | $\dashv$ |          |          | $\dashv$        | -         | $\dashv$ |
|          | 16       | Ц                  | 1            | <u> </u>     |              | $\sqcup$     | $\sqcup$     | $\sqcup$        | $\perp$  | _          |  |          | 66       | $\vdash \vdash$ | $\dashv$        | -        | +       | +                  | +        | $\vdash$                               |              |         | <u> </u> | 116        |                |          |          | -        |          | $\dashv$ | $\dashv$        |           | $\dashv$ |
|          | 17       | V                  | _            | <u> </u>     |              |              | Ш            | $\dashv$        | $\dashv$ | _          |  |          | 67       | -               |                 | _        | +       | +                  | +-       | $\vdash$                               | _            |         |          | 117        |                | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$  | -        |
| <u> </u> | 18       |                    | _            | <u> </u>     |              |              |              |                 | _        | _          |  |          | 68       | -               | $\vdash$        | +        | -       | +-                 |          | -                                      |              |         |          | 118        | $\vdash$       | $\vdash$ | -        |          | $\dashv$ | -        | $\dashv$        | $\dashv$  | ႕        |
|          | 19       | <u> </u>           | ╙            | L            |              |              |              |                 | -        | _          |  |          | 69       | Н               | $\dashv$        | +        | +       | +                  | -        | 1-1                                    | _            |         | _        | 119<br>120 |                | Н        |          | -        | $\dashv$ |          | -               | $\dashv$  | $\dashv$ |
|          | 20       | ļ                  | ┡            | ļ!           |              |              |              |                 | _        | _          |  |          | 70       | Н               | $\dashv$        | 4        | +       | +                  | ┿        | $\vdash$                               | _            |         |          | 121        | _              | H        |          | -        | $\dashv$ | -        | -+              | $\dashv$  |          |
|          | 21       | ļ_                 | ⊢            |              |              | Ш            |              | $\vdash$        | _        |            |  |          | 71       | $\vdash$        |                 | +        | ┿       | +                  | +        | -                                      | -            |         |          | 122        | _              | Н        |          | $\dashv$ | $\dashv$ |          | $\dashv$        | $\dashv$  | $\dashv$ |
|          | 22       | <u> </u>           | -            | <u> </u>     |              |              |              | $\vdash \vdash$ |          |            |  |          | 72       | Н               | -+              | +        | +       | +                  | ╂        | 1-1                                    | -            |         |          | 123        | _              | Н        |          | -        | -        | $\dashv$ | $\dashv$        | $\dashv$  | $\dashv$ |
|          | 23       | ┡                  | ┡            | <u> </u>     | Щ            | Н            | Н            | $\vdash \vdash$ |          | -          |  |          | 73<br>74 | $\vdash$        | $\dashv$        | -        | +-      | +                  | +        | $\vdash$                               |              |         | _        | 123        | _              | Н        | $\dashv$ |          | $\dashv$ | -        | +               | -         | -        |
|          | 24       | ├                  | ╀            | -            |              | $\vdash$     | $\vdash$     | $\vdash$        | $\dashv$ | _          |  |          | 75       | ⊢               | $\dashv$        | -        | +       | +                  | ╫        | +                                      |              |         |          | 125        | _              | Н        | $\dashv$ | ᅱ        | -        | -        | $\dashv$        | $\dashv$  | _        |
| <u> </u> | 25       | 1                  | ╁            | ⊢            | -            | Н            |              | $\vdash$        | -        |            |  |          | 76       |                 | $\dashv$        | +        | -       | +                  | +        | +                                      |              |         |          | 126        | -              | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   | $\dashv$        | 十         | _        |
|          | 26       | ├-                 | ⊢            | ├            | ┝            | $\vdash$     | Н            | Н               |          | $\dashv$   |  |          | 77       | H               | $\vdash$        | -        | +       | +                  | ╁╌       | +                                      | -            |         | -        | 127        |                | $\vdash$ |          | -        | $\dashv$ |          | $\dashv$        | 一         | _        |
|          | 27<br>28 | ╁                  | ╁            | H            |              |              | Н            | $\vdash$        |          | ᅱ          |  |          | 78       |                 | $\vdash$        | +        | ╁       | +                  | ╁        | $\vdash$                               |              |         | -        | 128        |                | $\vdash$ | $\dashv$ |          | $\neg$   |          | $\dashv$        | 一         | -        |
|          | 29       | ╆                  | ╁            | ⊢            |              |              | Н            | Н               |          | ⊣          |  |          | 79       | -               | $\vdash$        | +        | +       | ╁                  | +        | $\vdash$                               |              |         |          | 129        | _              |          | $\neg$   | $\neg$   |          |          | $\dashv$        | -         | _        |
|          | 30       | ╁                  | ╁            | $\vdash$     | ├            | $\vdash$     | Н            | H               | _        | ᅥ          |  |          | 80       | $\vdash$        | $\vdash$        | +        | +       | +                  | +-       | 1-1                                    |              |         |          | 130        | _              | $\Box$   |          | _        |          |          | $\dashv$        | 一         | _        |
|          | 31       | -                  | ╁            | $\vdash$     | $\vdash$     | Н            | Н            | -               |          | $\dashv$   |  |          | 81       |                 |                 | _        | +       | +                  | +        |  |              |         |          | 131        |                |          |          |          |          | $\neg$   |                 |           | _        |
|          | 32       | <del> </del>       | 1            | H            | <del> </del> | Н            | Н            | $\vdash$        | _        | $\dashv$   |  |          | 82       |                 | $\vdash$        | $\dashv$ | _       | 1                  | +        | $\Box$                                 |              |         |          | 132        |                | П        |          |          |          | $\Box$   |                 | 寸         |          |
|          | 33       | $\vdash$           | ╁            | ┢            | ┝            |              | Н            |                 |          | $\exists$  |  | -        | 83       |                 | $\Box$          | _        | $\top$  | 1.                 | +        | П                                      |              |         |          | 133        |                |          |          |          |          |          |                 | $\exists$ |          |
| _        | 34       | H                  | $\vdash$     | t            | $\vdash$     | Н            | Н            | Н               | 一十       | ᅱ          |  |          | 84       | H               | П               | $\neg$   | T       | T                  | 1        |  |              |         |          | 134        |                | П        |          |          |          |          |                 | $\Box$    |          |
| -        | 35       | T                  | T            | Т            | $\vdash$     | П            | П            | П               | $\dashv$ | ┪          |  |          | 85       |                 |                 | $\top$   | T       |                    |          | П                                      |              |         |          | 135        |                |          |          |          |          |          |                 |           |          |
| <u> </u> | 36       | T                  | T            | $\vdash$     |              | П            | П            | П               | 1        | $\neg$     |  |          | 86       |                 |                 |          |         |                    | Ι        |  |              |         |          | 136        |                |          |          |          |          |          | $\Box$          | $\Box$    |          |
|          | 37       | T                  | 1            | Π            |              | П            |              |                 |          | ╗          |  |          | 87       |                 |                 |          |         | $oxed{\mathbb{T}}$ |          |  |              |         |          | 137        | 匚              |          |          |          |          |          |                 |           |          |
|          | 38       | T                  | T            | T            |              |              |              |                 |          |            |  |          | 88       |                 |                 |          | Ι       | $\perp$            |          |  |              |         |          | 138        |                |          |          |          |          |          |                 |           | _        |
|          | 39       |                    |              |              |              |              |              |                 | ╛        |            |  |          | 89       |                 |                 |          |         |                    |          |  |              |         |          | 139        |                | Ш        |          |          |          |          |                 |           |          |
|          | 40       |                    |              |              |              |              |              |                 |          |            |  |          | 90       |                 |                 |          |         |                    |          |  |              |         |          | 140        | Щ.             | Ш        |          |          | Щ        |          |                 |           |          |
|          | 41       | Г                  |              |              |              |              |              |                 |          |            |  |          | 91       | $\Box$          | Ш               |          |         | 1                  | _        | Ш                                      | $oxed{\Box}$ |         | L        | 141        | <u> </u>       |          |          |          |          | Ш        | $\sqcup$        |           |          |
|          | 42       |                    |              |              |              | $\Box$       |              |                 | $\Box$   |            |  |          | 92       |                 | Ш               |          | Ц       | $\bot$             | 1        |  |              |         | <u> </u> | 142        | <u> </u>       | Ш        |          |          |          | Щ        | $\dashv$        | _         |          |
|          | 43       | L                  | L            | $oxed{oxed}$ | <u> </u>     | $\Box$       | Ш            | Ш               |          | _          |  |          | 93       | <u> </u>        | $\sqcup$        | 丄        | $\bot$  | $\perp$            | ╄-       | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | L_           |         |          | 143        | Ŀ              | $\sqcup$ |          | L.,      | <u> </u> | Щ        | $\vdash$        | _         | _        |
|          | 44       | <u> </u>           |              | $oxed{oxed}$ | <u> </u>     |              | Ш            | Щ               | $\perp$  |            |  |          | 94       | $\vdash$        | $\sqcup$        | 4        | _       | 4                  | 1        | $\vdash$                               | L            |         | <u> </u> | 144        | <del> </del> — | $\vdash$ |          |          | $\vdash$ |          | $\vdash \vdash$ |           | _        |
|          | 45       | <u> </u>           | <b> </b> _   | _            | <u> </u>     |              | Ш            | Щ               |          |            |  |          | 95       | _               | $\sqcup$        | $\dashv$ | 4       |                    | $\bot$   | $\vdash$                               | <u> </u>     |         | L        | 145        | <u> </u>       | -        |          |          | _        |          | $\dashv$        |           | _        |
|          | 46       | $\perp$            | $oxed{\bot}$ | _            | <u> </u>     | $oxed{oxed}$ | <u> </u>     | Ш               | $\perp$  | _          |  |          | 96       | <b>_</b>        | $\sqcup$        | $\dashv$ | _       | $\perp$            | +        | 1                                      | L            |         |          | 146        | <b>—</b>       | Н        | _        | Н        | _        | Ш        | <del>  </del>   | $\dashv$  | _        |
|          | 47       | $oldsymbol{\perp}$ | ╀            | $\perp$      | <u> </u>     | $oxed{oxed}$ | Ш            | Ш               | $\sqcup$ |            |  | <u> </u> | 97       |                 | $\vdash$        | $\dashv$ | 4       | $\bot$             | +-       | $\vdash$                               | <u> </u>     |         |          | 147        | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$ | -        |          | $\vdash$        | 4         |          |
| <u> </u> | 48       | ╄                  | $\perp$      | $\vdash$     | <u> </u>     | $\vdash$     |              | Ш               |          | _          |  | <u> </u> | 98       | ـ               | Н               |          | +       | +                  | +        | $\vdash$                               | <u> </u>     | <b></b> | <u> </u> | 148        |                | Н        |          |          | H        | $\vdash$ | $\vdash\vdash$  | $\dashv$  | _        |
|          | 49       | 1                  | ↓_           | ╄            | ļ            | <u> </u>     | $\vdash$     |                 | $\dashv$ | 4          |  | <u> </u> | 99       | $\vdash$        | $\vdash \vdash$ | $\dashv$ | +       | +                  | +        | -                                      | ├—           |         |          | 149<br>150 |                | Н        | $\vdash$ | <u> </u> | -        | $\vdash$ | $\vdash \vdash$ |           |          |
| L        | 50       | L.,                |              |              | L.           | $\perp$      | $oxed{oxed}$ | oxdot           | oxdot    |            |  | L        | 100      | 丄               | Ш               |          |         |                    |          | L                                      |              | ļ:-i-i  | L        | 1100       | L              | ш        |          | L_       | L        |          | لل              |           |          |